

A close-up photograph of water splashing, with many small droplets and ripples visible. The water is a deep blue color, and the splashes are bright white and blue. The background is slightly blurred, showing more water and splashes.

# 319 Nonpoint Source Competitive Grant Program

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Pre-RFR Informational  
Meeting  
September 27, 2021

# Agenda

- MassDEP Nonpoint Source Team Introductions
- 319 Program Overview (20-30 minutes)
- Questions/Project Idea Discussion
  - Raise zoom hand
  - Please no chat questions, so all can hear questions

## Nonpoint Source Pollution is unregulated overland runoff

- NPS pollution is caused by rainfall or snowmelt moving over and through the ground. As the runoff moves, it picks up and carries away natural and human-made pollutants, finally depositing them into lakes, rivers, wetlands, coastal waters, and groundwater.
- Unlike “point source” pollution from regulated industrial discharges and sewage treatment plants, NPS pollution comes from many diffuse sources.

# Overview

- Section 319 (319) of the Clean Water Act: address nonpoint sources (NPS) of water pollution
- Grants for prevention, control, and abatement of NPS pollution, and restoring beneficial uses and/or meeting or maintaining state water quality standards

# Grant Program Goal

The ultimate goal is to implement solutions to reduce pollutant loads necessary to meet or maintain state water quality standards.

# Eligibility

- Any Massachusetts public or private organization  
Regional Planning Agencies
- This can include Council of Governments,  
Counties, Conservation Districts, Cities and  
Towns, Other substate public planning agencies  
and interstate agencies.
- Projects can be located in MS4 areas (Municipal  
Separate Storm Sewer System) if they meet 319  
program requirements and will be completed by  
December 31, 2024.

# 303(d): Impaired Waters List

- Biennial submission by states and tribes to EPA for review and approval
- List of waters currently not meeting water quality standards
- Most recent Integrated List of Waters for 2016:

<https://www.mass.gov/files/documents/2020/01/07/16ilwplist.pdf>

# Integrated List of Waters - Five Categories

- 1 – “Waters Attaining All Designated Uses
- 2 – “Waters Attaining Some Use But Not Assessed For All Uses”
- 3 – “No Uses Have Been Assessed”
- 4A – “Waters where TMDLs have Been Completed”
- 4B – “Impairment Controlled by Alternative Pollution Control Requirements
- 4C – “Waters Where an Impairment is NOT Caused by a Pollutant”
- 5 – “Waters Impaired and Requiring a TMDL”

# Eligible Project Types

- BMPs to meet water quality standards or restore beneficial uses
- Protection of healthy watersheds and high quality waters
- Stormwater Utilities
- Regional NPS Coordinators
- Outreach and Education

# Must be Nonpoint Source Pollution

- Eligible in regulated areas unless or until the work becomes required by the permit or SWMP
- Cannot be used to meet the requirement of final NPDES stormwater permits
- Talk with NPS staff about how to develop a proposal before October 13

# Competitive Proposals

- Watershed-based approach
- Address a significant amount of major source of impairment
- Project is ready to go
- Match and strong stakeholder support
- More info on Competitiveness inside the RFR

# General Application Advice

- Assume the reviewer is not familiar with the project
- Project is focused on remediating NPS
- Pay attention to evaluation criteria
- **Budget** – Salary (list staff and salary range), Subcontracts, Materials and Supplies, Mileage (\$0.45 per mile) Only – no “Travel”
- **Adequate Designs** – conceptual or better plans
- Estimated **Pollutant Removal** Numbers – in pounds/CFUs/tons – for implementation projects
- Letters of support from all contributing financial or in-kind match

# Disadvantaged Business Enterprise Goals

- Grant recipients and their subcontractors must meet the appropriate federal "Fair Share" Disadvantaged Business Enterprise (DBE) and Affirmative Action requirements. Minority Business Enterprises (MBE) and Women Business Enterprises (WBE) who are also certified as DBE should be utilized to meet the Fair Share goals. These goals are 4.2% D/MBE and 4.5% D/WBE of the total project cost. The Supplier Diversity Office (SDO) has certified approximately 1,300 DBEs.
- The Statement of Intent must reflect DBE goals in terms of dollars, not percentages.
- Ask your subcontractor to help you meet these goals.
- Additional information and access to the certified DBE database is available at: <https://www.mass.gov/supplier-diversity>



# Funding

- About \$1.1 million this Fall for implementation projects (\$1.6 total)
- 7-10 projects per year
- 40% non-federal match (of total project cost)
- DM/WBEs @ 4.2% and 4.5%
- Approx. 2.5 years duration
- Reimbursement basis
- 10% retainage is withheld

# Procurement Schedule

- Request for Responses issued October 13
  - Posted on COMMBUYS, MassDEP website, and email blast
  - Once RFR is issued no project specific communication allowed.
- Proposals are due December 15, 2021
- Applicants notified in May 2022
- Contract start date in July 2022

# Additional Resources

**Massachusetts 2016 Integrated List of Waters, Assessment Reports, Draft and Final TMDL analyses:** [Integrated Lists of Waters & Related Reports | Mass.gov](#)

## **The Clean Water Toolkit**

A manual in electronic format that provides an overview of nonpoint source related issues, fact sheets and detailed information about best management practices to address nonpoint source problems: <http://prj.geosyntec.com/npsmanual/default.aspx>

## **Healthy Waterbody Prioritization and Healthy Watershed Projects**

While MassDEP welcomes high quality proposals throughout the state, a list of waterbodies that may be more competitive can be found on the MassDEP website: <https://www.mass.gov/doc/healthy-waterbody-prioritization-and-healthy-watershed-projects/download>

## **Watershed-based Planning Tool**

The WBP will guide a user to select a watershed and complete the nine elements necessary to comprise a watershed-based plan: <http://prj.geosyntec.com/MassDEPWBP>

- WBP-Tool [Provisional Review Checklist](#) and [Rating Scoresheet](#)
- Example [Completed WBPs](#)

# Additional Resources (continued)

## Examples of Past Projects (Indicative Summaries)

- [Grants & Financial Assistance: Watersheds & Water Quality | Mass.gov](#)
- [Nonpoint Source Management Program 2020 Annual Report](#)

## Stormwater:

- [MA Stormwater Handbook](#)
- [Massachusetts Watershed Coalition: BMP Cost Catalog](#)
- [University of New Hampshire Stormwater Center: <http://www.unh.edu/unhsc/>](#)
- [Stormwater Policy and General Publications: <https://www.mass.gov/info-details/stormwater>](#)
- [Cornell Extreme Precipitation Analysis](#) - website, providing rainfall analysis calibrated to the present climate: <http://precip.eas.cornell.edu/>
- EPA's Opti-Tool - Cost Information: <https://www.epa.gov/tmdl/opti-tool-epa-region-1s-stormwater-management-optimization-tool>

# Raingarden - Leominster



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# Biofiltration Basin – Old Reservoir, Lexington



# Lake Congamond-Southwick



# Cohasset: Interceptor Tank and Subsurface Infiltration System



# Stoughton: Interceptor Tank and Subsurface Infiltration System



# Mystic River Watershed: Small-scale Infiltration BMPs



# Questions

MassDEP Grants Website:

<https://www.mass.gov/service-details/available-funding-for-stormwater-projects-in-massachusetts>

319 Program Coordinator:

Malcolm Harper ([Malcolm.Harper@mass.gov](mailto:Malcolm.Harper@mass.gov) or  
617-418-9732)